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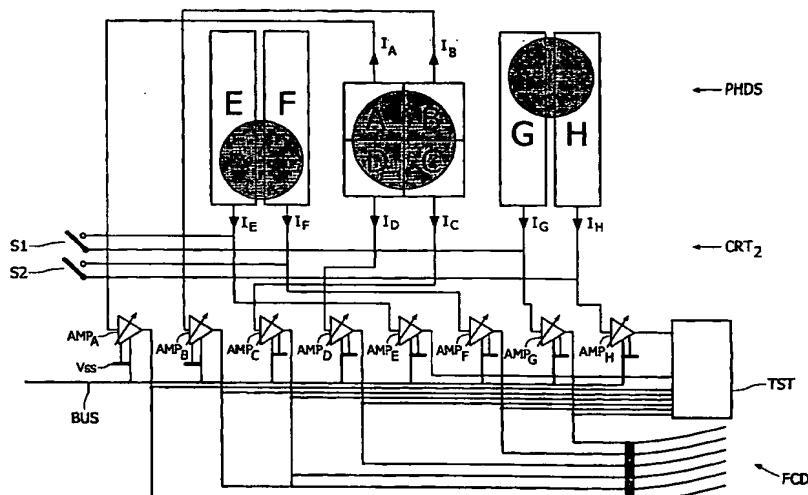
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(54) Title: AN OPTICAL DISK DRIVE



(57) Abstract: A single end incandescent halogen bulb has an envelope (112) having a sealed cavity (114) containing a halide material, a pinch or press seal (110) at one end, and a coiled wire filament (100) disposed in the sealed cavity (114). Filament legs (102, 104) comprise portions of the coiled wire filament (100) that have been drawn out straight so as to have a diameter which is approximately the same as a diameter of a wire from which filament (100) is formed. A first current supply (106) wire extends through the press seal (110) into the sealed cavity. This first wire (106) has a first clamp (118) formed at a terminal end thereof. The first clamp (118) clamps a first filament (102) leg to establish a first electrical connection and suspend the filament (100) in the sealed cavity (114). A second current supply wire (108) extends into and terminates within the press seal (110). This second wire (108) has a second clamp (116) which clamps a second filament leg (104) to establish a second electrical connection.

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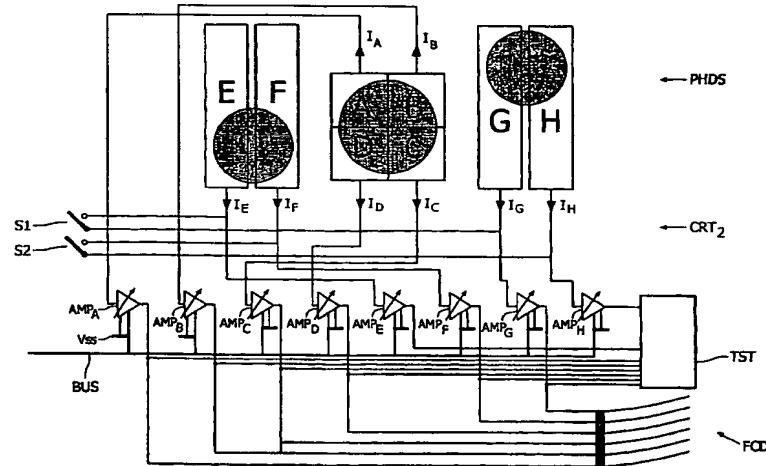
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(54) Title: AN OPTICAL DISK DRIVE



(57) Abstract: An optical disk drive comprising an electronic unit (PCB) comprising a first circuit (CRT1); an optical pick-up unit (OPU) movably assembled with respect to the electronic unit (PCB) circuit (CRT2) having a plurality of light sensors (PHDS) for receiving reflected light (RFL) from the (DSK), each light sensor having an output for delivering an electrical signal (Ia-Ih); and means for coupling the second circuit (CRT2) to the first circuit (CRT1) for transferring information between the first (CRT1) and second (CRT2) circuits. In a normal operational mode a number of the electrical signals (Ia, Ig, If, Ih) are combined by the second circuit (CRT2), these combined electrical signal (Ie, Ig, If, Ih) and the remaining uncombined electrical signal (Ia-Id) are transferred via the coupling means to the first circuit (CRT1). In a test mode all or part of the electrical signals are separately processed by the second (CRT2). The number of electrical connections between the optical pickup unit and the electronic unit may thereby be reduced.

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